

# ABSTRACT

A fluorine-containing copolymer obtained by  
copolymerizing tetrafluoroethylene, hexafluoropropylene and  
5 perfluoro vinyl ether as component monomers, wherein a weight  
ratio of tetrafluoroethylene, hexafluoropropylene and  
perfluoro vinyl ether units constituting the  
fluorine-containing copolymer is 70 to 95 : 5 to 20 : 0 to 10,  
respectively; the fluorine-containing copolymer having: a melt  
10 flow rate of 30 (g/10 minutes) or more; a volatile content index  
of 0.2 % by weight or less; and a stress relaxation modulus  $G(t)$   
(unit: dyn/cm<sup>2</sup>) which satisfies the following formula at  $t =$   
0.1 second when measured at a temperature of 310 °C:  
$$G(0.1) > 7 \times 10^6 \times X^{-1.62} - 3000$$
  
15 where  $X$  denotes the melt flow rate (unit: g/10 minutes). Also  
disclosed is an insulating material composed of the  
fluorine-containing copolymer and an insulated cable having a  
core conductor coated with the fluorine-containing copolymer.